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Admitted only in Maryland Admitted only in Virginia Admitted only in Texas

June 27, 2002

WRITER'S DIRECT NUMBER: (202) 218-7831 **INTERNET ADDRESS:** JWEAVER@SKGF.COM

Commissioner for Patents Washington, D.C. 20231

Art Unit 2822

Re:

U.S. Utility Patent Application

Appl. No. 09/849,537; Filed: May 7, 2001

Die-Up Ball Grid Array Package With A Heat Spreader and Method for Making the Same

Inventors:

Zhang et al.

Your Ref:

BP1718

Our Ref:

1875.0370000

Sir:

Transmitted herewith for appropriate action are the following documents:

Fee Transmittal Form PTO/SB/17;

Petition for Extension of Time Under 37 C.F.R. § 1.136(a)(1); 2.

Amendment and Reply Under 37 C.F.R.§ 1.111; 3.

4. Letter to PTO Draftsman: Submission of Formal Drawings;

5. 7 sheets of Formal Drawings (Figures 1-14);

Supplemental Information Disclosure Statement; 6.

7. List of cited references on Form PTO-1449 (20 sheets);

Sterne, Kessler, Goldstein & Fox PLLC.: 1100 New York Avenue, NW: Washington, DC 20005: 202.371.2600 f 202.371.2540: www.skgf.com

Commissioner for Patents June 27, 2002 Page 2

- 8. Copies of cited references on Form PTO-1449 (AA1-AF1, AJ1,AN1-AR1, AN2-AR2, AN3-AR3, AN4-AR4, AN5-AR5, AN6-AR6, AN7-AR7, AN8-AR8, AN9-AR9, AN10-AR10, AN11-AR11, AN12-AR12, AN13-AR13, AN14-AR14, AN15-AR15, AN16-AR16, AN17-AR17, AN18-AR18, AN19-AR19, and AN20-AP20);
- 9. Return postcard; and
- 10. Our check number 35668 for \$722.00 to cover \$432.00 fee for excess claims over 20, \$110.00 fee for one (1) month extension of time, and \$180.00 for late filing of IDS.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Jeffrey S. Weaver

Attorney for Applicants

My S. Wear

Registration No. 45,608

JSW/asl Enclosures

::ODMA\MHODMA\SKGF\_DC1;27106;1

PTO/SB/17 (10-01)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

	Complete if Kn wn			
FEE TRANSMITTAL	Application Number	09/849,537		
് ് ് റ്റ്റ് for FY 2002	Filing Date	May 7, 2001		
IOI FI ZUUZ	First Named Inventor	Tonglong Zhang		
JUN 2 7 2002 Spatent fees are subject to annual revision	Examiner Name	Monica Lewis		
Patent fees are subject to annual revision.	Group Art Unit	2822		
AMOUNT OF PAYMENT (\$) 722.00	Attorney Docket No.	1875.0370000		

метно	D OF PAYMENT (check one)		FEE CALCULATION (continued)							
The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:			3. ADDITIONAL I Large Entity		Entity					
Deposit Account Number	-0036	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee De	escription	Fee paid		
Deposit Account Name	erne, Kessler, Goldstein & Fox P.L.L.C.	105	130	205	65	Surcharge - late filing for	ee or oath			
Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17		127	50	227	25	Surcharge - late provisional	filing fee or cover sheet			
		139	130	139	130	Non-English specific	cation			
Applicant claims small entity status See 37 CFR 1.27		147	2,520	147	2,520	For filing a request for	r ex parte reexamina	ation		
		112	920*	112	920*	Requesting publication of action	f SIR prior to Examiner			
57		113	1,840*	113	1,840*	Requesting publication or	f SIR after Examiner ac	etion		
2. A Payment Enclosed:						Fotossian for mark with	4h:- 5:44h			
Check Credit card Money Order Other*  *Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.		115	110	215	55	Extension for reply wi	tnin first month	\$110.00		
F	EE CALCULATION	116	400	216	200	Extension for reply wi	thin second month			
1. BASIC FILING FEE		117	920	217	460	Extension for reply wi	thin third month			
Large Entity Small	Entity	118 ·	1,440	218	720	Extension for reply wi	thin fourth month			
Fee Fee Fee	Fee Fee Description Fee Paid (\$)	128	1,960	228	980	Extension for reply wi	thin fifth month			
101 740 201	370 Utility filing fee	119	320	219	160	Notice of Appeal				
106 330 206	165 Design filing fee	120	320	220	160	Filing a brief in suppo	rt of an appeal			
107 510 207	255 Plant filing fee	121	280	221	140	Request for oral heari	ing 🎢			
108 740 208	370 Reissue filing fee	138	1,510	138	1,510	Petition to institute a p	oublic use proceedin	g		
114 160 214	80 Provisional filing fee	140	110	240	55	Petition to revive - una	avoidable CHO			
		141	1,280	241		Petition to revive - uni	ntentional 5			
SUBTOTAL (1	) (\$)	142	1,280	242	640	Design issue fee Plant issue fee Petitions to the Commissioner Petitions related to provisional applications		, [		
		143	460	243	230	Design issue fee 🖟	\$ %	1 AS		
		144	620	244	310	Plant issue fee #	\$ 6			
		122	130	122	130	Petitions to the Comm	nissioner &			
2. EXTRA CLAIM FEI	ES Fee from Extra below Fee Paid	123	130	123	130	Petitions related to pro	ovisional application	En		
Total Claims 61	- 37** = <u>24</u> X <u>18</u> = <u>\$432.00</u>						6			
Indep. Claims 3 -	3** = <u>0</u> X <u>0</u> = <u>0</u>	.]				•				
Multiple Dependent	<u>o</u> = <u>o</u>	.]								
		126	180	126	180	Submission of Informa	ation Disclosure Stm	nt \$180.00		
		581	40	481	40	Recording each pater property (times number				
		146	740	246	370	Filing a submission af (37 CFR 1.129(a))	ter final rejection			
Fee Fee Fee I	Entity Fee Fee Description	149	740	249	370	For each additional in (37 CFR 1.129(b))	vention to be exami	ned		
	9 Claims in excess of 20	179	740	279	370	Request for Continued Examination (RCE)		i)   ·		
102 84 202 4		169	900	169	900	Request for expedited examination of a design		esign		
104 280 204 14	0 Multiple dependent claim					application				
108 84 209 4	patent	Other fee (s	specify):			, ·				
110 18 210 9	original patent	Other fee (specify):								
	SUBTOTAL (2) (\$) 432.00 *Reduced by Basic Filing Fee Paid						, , , , , , , , , , , , , , , , , , ,			
* cr. number previously paid, if greater: For Reissues, see above SUBTOTAL (3) (\$) 290.00										
SUBMITTED BY Complete (if applicable)										
Name (Print/Type)	Jeffre; S. Weaver	Ju-	Re	gistration	NO.	45,608	Telephone	202-371-2600		